168312-E ✔ ACTIVE

ERNI | ERNI SMC

TE Internal #: 168312-E

20 Position, Cable Assembly Length .1 m [.33 ft], Red Cable, .05 mm² Wire, 30 AWG, Socket Housing End A, Socket Housing End B, VW-1

View on TE.com >

Cable Assemblies > Copper Cable Assemblies > High Speed I/O Cable Assemblies







Number of Positions: **20**

Cable Assembly Length: **.1 m [.33 ft]**

Cable Color: **Red**

Shielded: **No**

Wire Size: **.05 mm²**

Features

Product Type Features

Cable Style	Ribbon Cable
Cable Assembly (End A)	Socket Housing
Cable Assembly (End B)	Socket Housing

Configuration Features

Mounting Location	External
Number of Positions	20

Electrical Characteristics

Impedance	125 Ω

Body Features

Cable Color	Red
Cable Flammability Rating	VW-1

Contact Features

Contact Mating Area Plating Material	Gold (Au)

Mechanical Attachment

Mating Alignment	With

Housing Features

Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Wire Size	30 AWG

Operation/Application

Shielded	No

Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	.1 m[.33 ft]

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

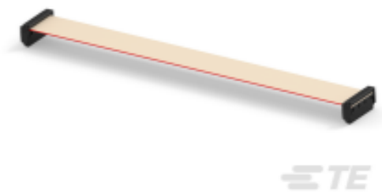
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

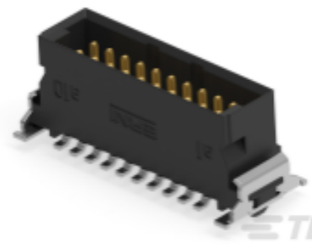
Compatible Parts



TE Part # 168315-E
IDCCS SMC 1,27 20 * AU AUI 300 PVC



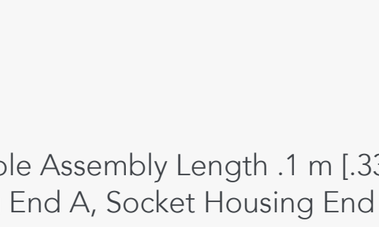
TE Part # 168329-E
IDCCS SMC 1,27 32 * AU AUI 200 PVC



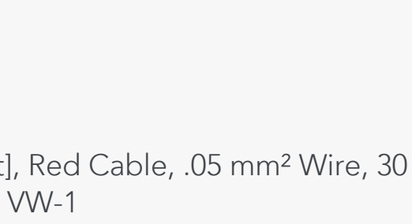
TE Part # 254588-E
SMCQ 20 M AB VV 8-13 CL * H007 137 E005



TE Part # 254537-E
SMCQ 20 M AB VV 8-03 CL * H007 137 E005

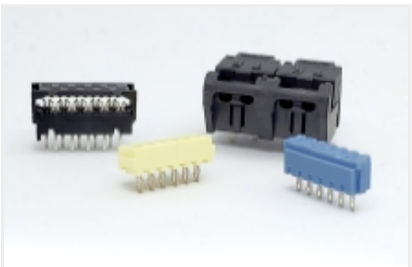


TE Part # 354095-E
SMCB 20 M AB VV 7-03 CL * 0007 137 E004

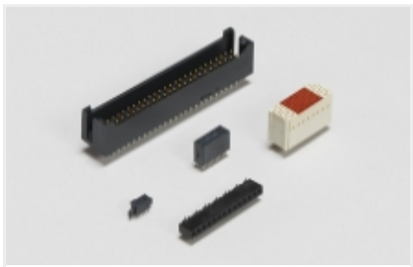


TE Part # 168338-E
IDCCS SMC 1,27 40 * AU AUI 100 PVC

Also in the Series | ERNI SMC



Board-In Connectors(6)



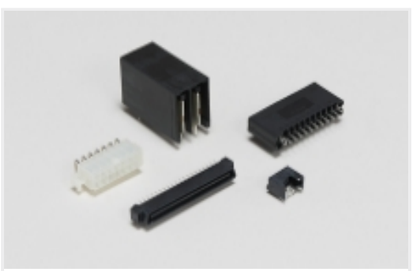
Board-to-Board Headers & Receptacles(79)



Pluggable I/O Cable Assemblies(27)



Rectangular Power Connectors(84)



Standard Rectangular Connectors(5)



Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought



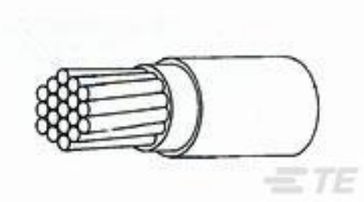
TE Part #D561523001
RAY-101-4.0(100)



TE Part #625159-000
D-110-35



TE Part #DT04-12PA
REC, 12P, GRY, N, A



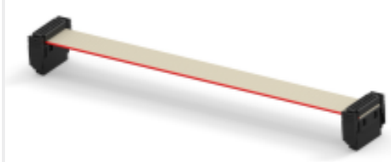
TE Part #2820493017
44A0111-24-9



TE Part #DT06-6S
PLG, 6P, GRY, N



TE Part #839016-E
IDCCS SRC 1,27 4 * SFX SFX 100 PVC



TE Part #168301-E
IDCCS SMC 1,27 16 * AU AUI 100 PVC



TE Part #1-1393239-3
RT114024



TE Part #6364372-2
Std USB Type A, R/A, T/H, Natural

TE Part #838360-E
IDCCS SMC 1,27 68 * AD AUI 70 PVC

Documents

Product Drawings

IDCCS SMC 1,27 20 * AU AUI 100 PVC

English

CAD Files

Customer View Model

ENG_CVM_CVM_168312-E_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_168312-E_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_168312-E_C.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Datasheet - ERNI SMC 1.27mm Connectors

English

FLAT RIBBON CABLE ASSEMBLY (IDCCS) - SMC CONNECTOR TYPE

English